Air Live®
Powered by OvisLink Corp.

WT-2000AP

Turbo-G Wireless Access Point

Turbo-G Family
The AirLive Turbo-G family provides 125Mbps wireless speed at the same cost as the Wireless-G devices. Unlike the Super-G mode that uses channel-binding technology, Turbo-G solution can deliver up to 1.5 times the speed of Wireless-G solution using one single channel. This means higher and more stable performance. Best of all, it is compatible with 802.11g and 802.11b solutions.

Turbo Mode Compatibility Chart

	MIMO	Turbo G	Super G	802.11G+
MIMO	MIMO	Turbo G	802.11g	802.11g
Turbo G	Turbo G	Turbo G	802.11g	802.11g
Super G	802.11g	802.11g	SuperG	802.11g
802.11G+	802.11g	802.11g	802.11g	802.11G+

*The intersection value indicates the resulting operation mode.

Turbo Charge your Wireless LAN
Most of the Turbo-G gateway on the market only comes in router configuration, it can not be used for network that already have ADSL router or cable mode router. The WT-2000AP is an Access Point designed specifically for home that already have an ADSL router or cable router. It instantly provides wireless access at 125Mbps speed. The WDS repeater function let users expand their wireless network coverage using any wires. The 802.1x radius authenticator function is important for hotspot operators.

AirLiveGuard Wireless Security
Wireless Security has always been a concern for most users. The AirLiveGuard system is a combination of multiple layers of wireless protections. Starting with "SSID Hide" that will prevent other users seeing the wireless network without knowing the exact SSID name. Then the WPA/WPA-PSK/WEP function encryptions the data, so intruders won't be able to interpret the wireless data. Therefore, unable to use your wireless connection. At last, the DoubleGuard access control system will lock wireless access to your PC's MAC and IP address. You can choose whether to let PC that are not on the MAC access list to use Internet connection, associate with wireless, or communicate with LAN PC only. This create a combination of 9 possible access schemes for the ultimate controllability.

Manufacturer
OvisLink Corp.
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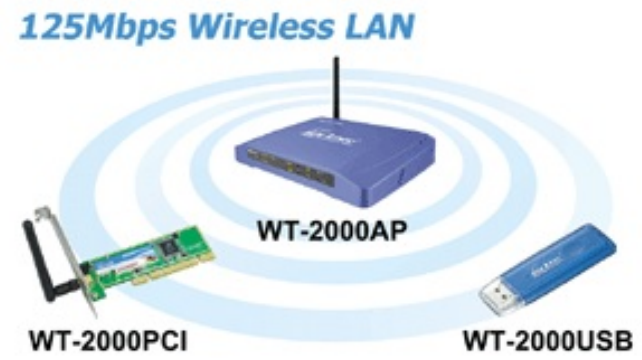
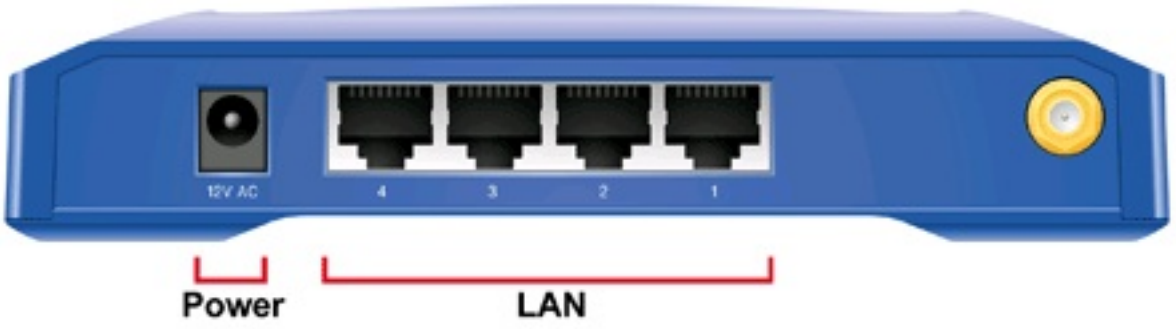


Easy Management
The router UPnP (Universal Plug-n-Play) capability let your router configure correctly with your PC and multi-user Internet application. The web management features comprehensive online help to explain every single function. Best of all, the setup Wizard guides user through to set up the Internet connection easily. For ISP and enterprise customer, the router support SNMP management functions.

** The Turbo-G mode works only when using with other Turbo-G devices. The WT-2000AP runs at AC 12V.*



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Specification

Ports
- 4 x 10/100Mbps switching LAN ports
- Auto MDI/MDI-X functions

Wireless
- Antenna
  - 2 dBi detachable Dipole Antenna
  - Reversed SMA Connector
- **Frequency**
  - USA (FCC) 11 Channels: 2.412GHz~2.462GHz
  - Europe (ETSI) 13 Channels : 2.412GHz~2.472GHz
  - Japan (TELEC) 14 Channels : 2.412GHz~2.483GHz
- Modulation
  - 11g Orthogonal Frequency Division Multiplexing (64QAM, 16QAM, QPSK, BPSK)
  - 11b Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
- Output Power
  - 11g
    - 64QAM: 14
    - 16QAM: 15
    - QPSK: 16
    - BPSK: 17
  - 11b
    - DBPSK,DQPSK,CCK: 17.5
- Data Rate
  - 11g mode: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
  - 11b mode; 11, 5.5, 2, 1 Mbps
- WEP: 64/128-bit
- WPA, WPA-PSK, WPA2, WPA2-PSK Support
- 802.1x Radius Authenticator
- WDS Repeater Mode

Configuration
- Web browser
- Web-based Setup Wizard
- SNMP Management
- Detailed On-Line Help
- Configuration Back and Restore
- Firmware Upgradeable
- Reset button provided

Management Function
- DHCP Server for up to 253 clients
  - Lease Time, Fixe IP mapping
- Access Control
  - Block
- Log
- System Activity
- Debug Information
- Attacks
- Dropped Packets
- Notice

OS Support
- Windows 95/98/NT/ME/2000/XP
- Unix
- Macintosh
- Any platform that support Web browser

LED Indicators: Power, WLAN, Status, WAN, LAN x 4 (Link, Speed)

EMI: Meet CE, FCC part 15 Class B, BSMI, VCCI, C-tick

Dimension: 160 x 115 x 30mm

Weight: 210g

Power: AC 12V, 1A

Ordering Information

WT-2000AP Turbo-G 125Mbps Wireless AP

Manufacturer
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